Bureau of Land Management



Amarillo Field Office Helium Operations







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Fluid Minerals Group Manager, Washington Office

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- -Federal Leased Lands
- -Resources Evaluation & Gas Analysis
- -Natural Gas Engineering

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Amarillo, Texas

Issued: January 17, 2007

"Please Note: Data in this report is accurate as of print date; however all data is subject to change."

Approved for distribution: Nelson R. Bullard Date: 01/17/2007

Table 1 - Summary of Helium Oper	aแบกร			ivoven	nber - 2006
Helium Enrichment Unit Operations	Moi	nth			
Gas Processed	Gross Volume	Net Helium	Average Percent	Gross Cumulative	Net Cumulativ
Plant Feed	436,313	111,210	25.49%	23,704,721	5,872,87
Helium Product	138,867	108,969	78.47%	7,386,635	5,800,27
Residue Natural Gas	167,359	73	0.04%	10,494,949	1,18
Natural Gas & Liquids Produced					
Gas Processed				Month	FYT
Natural Gas Sales (Mcf***)				146,589	442,92
NGL Sales (gallons)				46,402	131,11
*** Volumes in Mcf at 14.73 psia & 60°F					
Bush Dome Reservoir Operations Conservation gases from all sources	Mor Gross Volume	nth Net Helium	Average Bereent	Gross Cumulative	Net Cumulativ
_			,		
Total Withdrawn	502,880	159,470	31.71%	158,467,857	25,503,49
Crude Injection	6,525	5,188	79.51%	65,528,620	47,289,63
Crude Production	68,820	48,132	69.94%	613,825	447,99
Storage Operations	ſ				
Conservation Helium		Month	FYTD	CYTD	Cumulati
Open Market Sale Volumes (Mcf*)		181,600	193,300	1,758,300	5,463,90
Conservation Helium in Storage (EOM)		22,819,584			
* Volumes in Mcf at 14.65 psia & 60°F	,				
In Kind Helium		Month	FYTD	CYTD	Cumulati
Sale Volumes Transferred		56,930	56,930	184,064	1,852,93
Sale Volumes Outstanding		55			
Volumes in Mcf at 14.65 psia & 60°F					
Private Company Helium Storage Contracts		Мо	nth		Annual
Contact Activity		Gross Volume	Net Helium	Average Percent	Helium FYTD
Crude Acquired		68,380	45,918	67.15%	96,79
Crude Disposed		272,715	199,536	73.17%	434,46
Net Balance		(204,335)	(153,618)		(337,67
Balance of Stored Helium End Of Month Volumes in Mcf at 14.65 psia & 60°F		(- / /	1,205,093		(== /=
Revenue / Charges					
Helium Storage Contracts (Charges Billed (\$)				Month	FYT
Storage Fees Billed (\$)				\$273,403	\$286,63
Reservoir Management Fees Billed (\$)				\$203,149	\$457,08
Field Compressor Charges (Charges Billed (\$)				Month	FYT
Funded by Cliffside Refiners, LP (provides for booster compres	ecion conticos)			(\$57,660)	
	•	umplies -t- \		1 1	(\$112,73
Cliffside Refiners, LP, by Agreement #GDA010003 (reimburses				\$13,863	<u>\$25,14</u>
Net-Total (Funded by the four Refiners to the Cliffside Refiners,	, LP for the compress	ion costs.)		(\$43,796)	(\$87,59
Enrichment Unit Charges (Charges Billed (\$)				Month	FY1
Reservior Management Fees (RMF)				\$203,149	\$457,08
Total operating costs				(\$881,099)	(\$1,792,76
Sub Total - Items provided by BLM				\$407,851	\$846,26
Total - Cliffside Refiners, LP, GDA030001				(\$473,248)	(\$946,49
Conservation Helium - Natural Gas - Liquid S	Sales	(Charges Billed (\$)		Month	FY1
Open Market Sales		•		\$10,669,000	\$11,356,37
Open Market Gales					
•				SO -	.9
In Kind Sales Natural Gas & Liquid Sales				\$0 \$955,497	
Natural Gas & Liquid Sales				\$955,497	\$2,672,63
In Kind Sales Natural Gas & Liquid Sales Helium Resources Evaluation				\$955,497 Month	\$2,672,63
In Kind Sales Natural Gas & Liquid Sales	_	Received -		\$955,497	\$2,672,63 FYT \$816,97

Table 2 - Bush Dome Reservoir Operations

November - 2006

		Gross V	Vithdrawal	Net Helium	n Withdrawal	Nitro	ogen	Meti	nane	Ethan	e plus	Other (CC	02, Ar, H2)
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
TOTAL		502,880	158,467,857	159,470	25,503,497	124,325	38,796,120	194,226	84,504,293	20,672	8,353,467	<u>4,186</u>	1,310,480
BIVINS A-3	Nov-06	25,961	9,306,712	15,982	2,625,017	6,453	2,356,144	3,078	3,883,518	276	379,012	173	63,021
BIVINS A-6	Nov-06	36,186	7,755,853	27,549	4,401,806	7,468	1,935,914	887	1,268,771	35	122,562	246	26,800
BIVINS A-13	Nov-06	34,918	3,295,670	19,661	2,151,370	8,783	882,259	5,647	228,032	586	23,043	241	10,965
BIVINS A-14	Nov-06	48,813	3,589,648	31,735	2,519,878	12,124	930,661	4,196	118,332	421	11,540	337	9,237
BIVINS A-4	Nov-06	24,364	9,461,031	10,885	1,412,225	5,939	2,287,433	6,617	5,171,200	733	507,716	191	82,456
BUSH A-2	Nov-06	25,883	8,641,949	10,725	1,079,348	6,602	2,088,491	7,510	4,911,013	866	485,166	180	77,931
Injection	Nov-06	6,525	65,528,620	5,188	47,289,636	1,168	16,930,684	124	762,117	0	16	46	546,168
inj Bivins A-3	Nov-06	0	(25,652,212)	0	(18,384,374)	0	(6,554,527)	0	(332,774)	0	0	0	(380,537)
inj Bivins A-6	Nov-06	(6,525)	(23,489,199)	(5,188)	(16,957,577)	(1,168)	(6,300,440)	(124)	(124,653)	0	(7)	(46)	(106,522)
inj Bivins A-13	Nov-06	0	(6,490,417)	0	(4,706,191)	0	(1,656,853)	0	(122,391)	0	(2)	0	(4,980)
inj Bivins A-14	Nov-06	0	(6,501,333)	0	(4,767,421)	0	(1,602,106)	0	(126,303)	0	(7)	0	(5,497)
inj Bivins A-4	Nov-06	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Nov-06	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Nov-06	68,820	613,825	48,132	447,994	15,587	133,803	4,261	25,981	370	1,891	470	4,157
BIVINS A-1	Nov-06	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Nov-06	13,690	11,814,017	1,782	1,751,881	3,363	2,910,100	7,617	6,423,526	812	632,654	116	95,856
BIVINS A-5	Nov-06	17,739	12,640,308	5,076	1,257,508	4,522	3,067,144	7,199	7,466,177	807	736,851	135	112,628
BIVINS A-7	Nov-06	17,526	8,870,178	6,154	1,813,862	4,552	2,209,354	6,016	4,349,118	688	431,686	116	66,158
BIVINS A-9	Nov-06	32,152	7,484,551	633	137,828	8,179	1,806,355	20,870	4,974,502	2,199	494,324	270	71,542
BIVINS A-11	Nov-06	23,561	3,667,425	483	68,390	5,961	892,580	15,284	2,427,364	1,614	243,790	219	35,302
BIVINS A-15	Nov-06	24,984	6,653,365	762	367,918	5,861	1,590,999	16,385	4,212,456	1,689	417,171	287	64,821
BIVINS B-1	Nov-06	31,829	4,557,533	1,423	185,240	7,813	1,097,201	20,162	2,935,601	2,123	295,549	307	43,941
BIVINS B-2	Nov-06	27,796	3,398,569	534	63,283	7,063	834,425	17,890	2,234,216	1,887	225,784	423	40,861
BUSH A-1	Nov-06	0	5,721,962	0	104,140	0	1,356,677	0	3,830,281	0	374,216	0	56,647
BUSH A-3	Nov-06	21,728	8,433,937	11,565	1,246,987	5,592	2,052,965	3,930	4,604,199	467	454,352	175	75,435
BUSH A-4	Nov-06	13,847	6,043,059	3,757	1,077,267	3,565	1,495,753	5,795	3,114,123	645	309,430	86	46,486
BUSH A-5	Nov-06	26,906	11,894,552	8,685	2,363,296	6,860	2,965,861	10,081	5,894,474	1,126	583,269	153	87,652
BUSH A-8	Nov-06	12,992	2,525,983	239	46,123	3,148	602,499	8,537	1,683,200	883	166,798	184	27,361
BUSH A-9	Nov-06	0	3,365,825	0	78,958	0	804,323	0	2,230,706	0	220,113	0	31,724
BUSH A-11	Nov-06	16,042	2,751,411	602	75,141	3,864	656,245	10,305	1,808,919	1,077	181,472	194	29,634
BUSH B-1	Nov-06	3,882	3,090,627	79	58,030	942	733,073	2,564	2,066,541	264	202,545	33	30,438
FUQUA A-1	Nov-06	0	2,954,069	0	53,853	0	702,791	0	1,975,156	0	193,571	0	28,699
FUQUA A-2	Nov-06	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Nov-06	22,079	7,730,896	1,159	512,847	5,670	1,868,556	13,658	4,805,993	1,473	476,512	119	66,987
TT Fuel	Nov-06	3,882	0	79	0	942	0	2,564	0	264	0	33	0
	fie	ld-wide pcts		31.71%	16.09%	24.72%	24.48%	38.62%	53.33%	4.11%	5.27%	0.83%	0.83%

Latest estimates of reserves and feed to HEU

Based on NITEC's 2003 reserves study from NITEC's interim report

est z-factor 0.975

As of EOM	Nov-06	Volumes in BCF	·	
Initial Gas In Pla	ace	330.040		
Produced 1924	to 1961	48.830		
Injected 1924 to	1961	0.450		
Remaining Gas	In Place 1961	281.660		
Left Behind Pipe	e, 1961	82.060	====> 1.500	BCF of contained helium
Remaining in P	lace, 1961	199.600		
Gas In Place 19	961	199.600		
Produced 1961	to July 2002	82.450		
Injected 1961 to	July 2002	64.510	Net Helium	
Remaining Gas	In Place July 2002	181.660	33.997	
Produced July 2	2002 through Dec 2002	1.096	0.743	
Production 2003	3 - 05	19.119	5.367	
Injection 2003 -	05	(0.420)	(0.329)	
Produced to Da	te 2006	6.972	1.998	
Injected to Date	2006	(0.100)	(0.078)	
Amount of Raw	Gas Available to CHEU	154.993	====> 26.295	total helium in reservoir
Estimated Botto	om Hole Pressure	567.639		

Crude Helium Enrichment Unit Operations

		Gross W	/ithdrawal	Net Helium	Withdrawal	Nitr	ogen	Met	hane	Ethan	ne plus	Other (CC	O2, Ar, H2)
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
Measured Feed	Nov-06	436,313	23,704,721	111,210	5,872,873	109,829	5,956,945	191,298	10,542,633	20,330	1,130,742	3,646	201,527
Calculated Feed	Nov-06	430,276	23,915,680	111,297	5,942,625	107,809	6,005,876	187,444	10,627,284	20,042	1,136,490	3,683	203,405
Feed to Box	Nov-06	427,620	23,778,906	111,297	5,942,625	107,809	6,005,876	187,444	10,627,284	20,042	1,136,490	1,027	66,631
Cheu Product	Nov-06	138,867	7,386,635	108,969	5,800,271	26,065	1,389,805	2,872	145,342	24	320	936	50,898
Residue	Nov-06	167,359	10,494,949	73	1,188	4,352	260,155	147,646	9,298,671	15,264	933,726	25	1,209
Cold Box Vent	Nov-06	63,563	4,551,436	67	78,934	57,614	3,740,343	5,824	672,833	41	137	17	59,190
Flare/Boot Strap	Nov-06	32,491	538,861	939	26,281	8,156	225,242	21,161	207,100	2,233	75,159	2	5,079
Fuel From Cheu	Nov-06	7,252	275,832	4	185	235	7,934	5,910	222,527	1,103	45,185	0	0
Shrinkage/Loss	Nov-06	1,043	77,823	0	0	0	0	0	0	1,043	77,823	0	0
Unaccounted*	Nov-06	11,122	491,967	814	33,448	9,873	397,096	405	59,150	(0)	1,071	30	1,202

^{*}Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)		
	Government	Private
Beginning inventory	23,060,933	1,120,181
net acceptances +	0	0
redeliveries	0	(153,618)
In Kind Transfers	(56,930)	56,930
Open Market Sales	(181,600)	181,600
Gain/loss	(2,819)	
Ending Inventory	22,819,584	1,205,093
Total Helium in Reservoir	26,295,291	
Total Helium in Storage	24,024,677	
Helium in native gas	2,270,614	

Crude Helium Pipeline

_	Gross	Net Helium	Percent
Beginning inventory	47,047	35,835	76.17%
Measured to Pipeline (Private Plants)	68,647	46,104	67.16%
Measured from Pipeline (Private Plant	272,747	199,540	73.16%
HEU Production	138,867	108,969	78.47%
Injection	6,525	5,188	79.51%
Production	68,820	48,132	69.94%
Ending Inventory	42,936	31,493	73.35%
Gain/Loss	(1,173)	(2,819)	

Tuck Trigg Reservoir Operations

	-		Since Field
Native Gas (Gross)	Month	Fiscal Year	Discovery
Total in place, beg. of period	5,198,688	5,198,688	5,890,000
Recoverable in place, beg. of period	4,528,688	4,528,688	5,220,000
Production during period to date	0	0	691,312
Total in place, end of month	5,198,688	5,198,688	5,198,688
Recoverable in place, end of month	4,528,688	4,528,688	4,528,688
Recoverable in place, end of month	4,528,688	4,528,688	4,528,688

Table 4 - In Kind Helium Sales

November - 2006

	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges Billed (\$)**
In Kind Heliun	n								
Aeriform, Contract Month FYTD	no. INC98-0°	101							(billed quarterly)
AGA Gas, Inc., Cor Month FYTD	ntract no. INC	C98-0102							
AirGas, Inc., Contra Month FYTD	act no. INC98	8-0103							
Air Liquide Helium Month FYTD	America, Inc	c., Contract r	o. INC98	-0104					
Air Products, L.P., Month FYTD	Contract no.	INC98-0105							
BOC Global Heliun Month FYTD	n, Inc., Contr	act no. INC9	8-0106						
Corp Brothers, Inc Month FYTD	., Contract n	o. INC98-010	7						
FIBA Technologies Month FYTD	s, Inc., Contra	act no. INC98	3-0108						
General Air Service Month FYTD	e & Supply C	o., Contract	no. INC98	3-0109					
Jack B. Kelley Co., Month FYTD	Contract no	. INC98-0110							
Portland Welding S Month FYTD	Supply, Cont	ract no. INC9	8-0111						
Praxair, Inc., Contr Month FYTD	act no. INC9	8-0112							
United States Weld Month FYTD	ling, Inc., Co	ntract no. IN	C98-0113						
Matheson Tri-Gas, Month FYTD	Inc., Contrac	ct no. INC98-	0114						
GT & S, Contract n Month FYTD	o. INC00-011	5							
Total month	0	0	0	0	0	0	0	0	\$0
Total FYTD	0	0	0	0	0	0	0	0	\$0
Total CYTD	80,233	4,937	3	13,267	16,689	25,538	140,667	138,492	\$7,816,481
Cumulative	1,097,728	39,694	188	227,919	263,974	252,617	1,882,121	1,852,910	\$95,305,672
In Kind Transf	fers						Month	FYTD	CYTD Cumulative
Transferred Volume outstanding							56,930 55	56,930	184,064 1,852,930

^{*} Volumes in Mcf at 14.7 psia & 70°F

⁺ Volumes in Mcf at 14.65 psia & 60°F

Table 5 - Open Market/Reserve Sell-down

November - 2006

Helium & Natural Gas Sales

	Award Volume*	Outstanding*	Sales*	Charges Billed (
Conservation Helium					(billed quarterly)
Air Liquide Helium America, Inc.					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	50,000		50,000		\$2,625,000
Air Products, L.P.					
Month	0	0	0		\$0
FYTD	180,000	180,000	0		\$0
Cumulative	1,880,400		1,700,400		\$92,311,000
BOC Global Helium, Inc.					
Month	0	(140,000)	140,000		\$8,225,000
FYTD	140,000	0	140,000		\$8,225,000
Cumulative	2,309,000		2,309,000		\$125,462,500
Keyes Helium Co., LLC					
Month	0	(11,600)	11,600		\$681,500
FYTD	35,000	11,700	23,300		\$1,368,875
Cumulative	226,200		214,500		\$11,600,275
AGA Gas, Inc.					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	50,000		50,000		\$2,700,000
Praxair, Inc.					
Month	0	(30,000)	30,000		\$1,762,500
FYTD	150,000	120,000	30,000		\$1,762,500
Cumulative	1,110,000		990,000		\$55,082,500
Linde Gas LLC					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	150,000		150,000	\$8,335,0	
Total month	0	(181,600)	181,600	\$10,669,0	
Total FYTD	505,000	311,700	193,300		\$11,356,375
Total CYTD	1,980,000		1,758,300		\$99,778,875
Cumulative	5,775,600		5,463,900		\$298,116,275
Open Market Transfers		Month	FYTD	CYTD	Cumulative
Transferred		181,600	193,300	1,758,300	5,463,900
Volume outstanding		0			

^{*} Volumes in Mcf at 14.65 psia & 60°F

Natural Gas/Liquid Sales

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	\$/unit	Charges Billed (\$)**
El Paso Natural Gas	<u> </u>	Provides Firm/Interru	ptible natural gas trar	sportation services	(billed monthly)
Month	166,218		182,593	(\$0.1533)	(\$27,997)
FYTD	468,760		514,836	(\$0.1088)	(\$55,994)
Cumulative	10,079,777		11,078,217	(\$0.1100)	(\$1,219,153)
Minerals Manageme	ent Service	Provides natural gas	marketing services u	nder a Cooperative A	greement
Month					\$0
FYTD				\$0.0000	\$0
Cumulative				(\$0.0125)	(\$126,024)
Cenergy Marketing					
Month	146,589	0	160,515	\$5.996505	\$934,532
FYTD	442,921	0	486,480	\$5.433088	\$2,592,638
Cumulative	10,124,687	0	11,062,785	\$6.068527	\$66,669,189
Seminole Transpor	tation & Gathering				
Month	0	46,402	5,012	\$9.768970	\$48,962
FYTD	0	131,111	14,088	\$9.652565	\$135,985
Cumulative	0	2,491,683	263,605	\$9.777262	\$2,577,335
Total month	146,589	46,402	165,527	\$5.941593	\$955,497
Total FYTD	442,921	131,111	500,568	\$5.439980	\$2,672,630
Total CYTD	2,721,367	784,315	3,071,003	\$5.793036	\$17,574,876
Cumulative	10,124,687	2,491,683	11,326,390	\$6.036078	\$67,901,347

^{***} Volumes in Mcf at 14.73 psia & 60°F

^{**}Rounded to nearest dollar

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$218,129	\$807,563
Natural Gas Royalties (1)	\$1,611	\$3,958
Natural Gas Rentals	\$0	\$0
Other	\$5,457	<u>\$12,717</u>
Revenue Collected from Federal Lease Holds	\$217,937	\$816,978

^{*}Totals do not sum

Helium Analysis and Evaulation	Month	FYTD
Number of Sample Request Letters Sent	7	20
Number of Samples Received	1	7
Number of Samples Analyzed	1	5
Total Number of Samples Analyzed For Resources Division	4	9
Total Number of Samples Analyzed (2)	9	60

U. S. Helium Production

Domestic	FY Volume		CY Volume
2001 Helium Sold	4,908,300		4,756,719
2002 Helium Sold	4,620,900		4,584,904
2003 Helium Sold	4,621,000		4,393,555
2004 Helium Sold	4,675,800		4,692,699
2005 Helium Sold	4,936,900		4,800,782
2006 Helium Sold *	4,495,500	*	4,500,000
2007 Helium Sold *	4,700,000	*	4,625,000
Estimated Helium Resources (as of 01/01/2003)			305,000,000

^{*} Indicates Production Data is Projected

		FY-2006	CY-2005
U.S. Helium Exports	(3)	2,071,425	1,851,322

- (1) Includes drip gas sales & other miscellaneous gas sales.
- (2) Includes pipeline, field survey, and other requested analyses.
- (3) Data from Department of Commerce Bureau of the Census.

ΔII	Volumes	in	Mcf	at	14	65	nsia	ጲ	60°F
Δ III	v Olullies	1111	IVICI	aι	14.	.uu	usia	œ	OU I

All volumes	S III IVICI at 14	4.00 psia (ed Gas			Transfe	erred Gas	Stored	Chara	es Billed	
	Gross Gas I	Helium %		eu Gas	Helium			elium	Helium	Charg	(\$)**	
	01033 Ga3 1	Month	Hellulli	FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD	
Total All Contra	acts*				02	0 011101011110	111011111	G arrianan G				
Crude Acquired	68,380	67.2%	45,918	96,793	606,025	27,258,869	273,833	33,929,956				
Crude Disposed	272,715	73.2%	199,536	434,468	2,467,735	31,249,475	35,303	27,255,539		\$273,403	Storage Fees	
Grade-A Rdlvrd	0	70.270	0	0	2,407,700	1,478,718	00,000	27,200,000		\$203,149	RMF Fees	
Net/Balance	(204,335)		(153,618)		(1,861,710)		238,530	6,674,417	1,205,093	\$476,552	\$743,721	
Total Prior Con		AINIATED)	(100,010)	(557,075)	(1,001,710)	(5,465,524)	230,330	0,074,417	1,200,090	ψ+10,002	Ψ1 43,121	
	ili acis (i Likiv	IIIIA I LD)		0	0	17,406,129	0	18,196,898				
Crude Acquired								, , ,				
Crude Disposed				0	0	11,830,863	0	19,148,768				
Grade-A Rdlvrd				0	0	1,478,718			0			
Number of trailers			1005 004	0	0	9,834			0			
BOC Global He	lium, Inc., Co	ontract no.	1995-324	9								
Crude Acquired												
Crude Disposed												
Net/Balance												
Praxair, Inc., Co	ontract no. 19	995-3251										
Crude Acquired												
Crude Disposed												
Net/Balance												
Air Products, L	.P., Contract	no. 1995-3	3256									
Crude Acquired	,											
Crude Disposed												
Net/Balance												
Oneok Field Se	rvices Conti	ract no. 19	95-3258									
Crude Acquired	1 11000, 001111	1401 110. 10	00 0200									
Crude Disposed												
Net/Balance												
ExxonMobil Ga	c Marketing	Co Contr	20t no. 10	05 2200								
	is marketing	Co., Conti	act 110. 19	93-3200								
Crude Acquired												
Crude Disposed												
Net/Balance	4005											
Pioneer, Contra	act no. 1995-	3286										
Crude Acquired												
Crude Disposed												
Net/Balance												
Keyes Helium (Co., LLC, Cor	ntract no. 1	1995-3287									
Crude Acquired												
Crude Disposed												
Net/Balance												
Linde Gas LLC	, Contract no	. 2001-328	2									
Crude Acquired												
Crude Disposed												
Net/Balance												
Air Liquide Heli	ium America	, Inc., Con	tract no. 2	003-3284								
Crude Acquired												
Crude Disposed												
Net/Balance												
Matheson Tri-G	as. Inc Con	tract no. 2	007-3288									
Crude Acquired	,,		3200									
Crude Disposed												
Net/Balance												
INCUDAIAIICE												

22,819,584

Government	Helium

Remaining Crude Acquired beginning of the month 23,060,933
Crude Disposed: In Kind Sales transferred for the month (56,930)
Open Market/Reserve Sell Down transferred for the month (181,600)
Gains and Loses for the month (2,819)

Net/Balance of Purchased Helium Remaining for Sale
*Includes In Kind and Open Market transfers from Government storage

Table 8 - Compression & CHEU (Charges & Operations) November - 2006

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$6.00	\$5.53	\$5.86
Fuel used *	total MMBTU	11,728	26,480	502,800
Field compressor fuel revenue *	\$dollars	\$10,726	\$11,823	\$544,057
HEU compressor fuel credit *	\$dollars	\$21,643	\$62,573	\$1,413,096
HEU fuel credit *	\$dollars	\$37,999	\$72,092	\$986,911
#1 Compressor run time *	hours	662	1,205	31,676
#2 Compressor run time *	hours	280	1,013	20,594
#3 Compressor run time *	hours	37	239	14,685

^{*} Field/CHEU Compressor Operations based on Nov 06 activity

Field Compressor Charges	Ch	Charges Billed (\$)*	
BOC Global Helium, Inc., Contract no. 1995-3249			
Praxair, Inc., Contract no. 1995-3251			
Air Products, L.P., Contract no. 1995-3256			
Keyes Helium Co., LLC, Contract no. 1995-3287			
SubTotal - Cliffside Refiners, LP (provides booster compression services)	(\$57,660)	(\$112,734)	(\$4,981,847)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	<u>\$13,863</u>	<u>\$25,142</u>	<u>\$1,217,667</u>
Net Total - Cliffside Refiners, LP	(\$43,796)	(\$87,592)	(\$3,764,180)

^{*} BLM provided fuel cost is based on Sep 06 fuel consumed

^{*}Rounded to nearest dollar

Crude Helium Enrichment Unit (CHEU)	Мо	Month		FYTD		
CHEU Runtime	Runtime Hrs	Percent	Runtime Hrs	Percent	Runtime Hrs	
Processing feed gas	480	66.7%	1,223	83.5%	29,490	
Producing residue gas	419	58.1%	1,158	79.1%	29,591	
Producing helium product	417	57.9%	1,151	78.6%	26,823	
Producing natural gas liquids	420	58.3%	1,113	76.0%	25,284	

		Charges Billed (\$)*			
CHEU Charges	Month	FYTD	Cummulative		
Reservior Management Fees (RMF)	\$203,149	\$457,085	\$6,441,971		
Total operating costs	<u>(\$881,099)</u>	(\$1,792,762)	(\$35,773,520)		
Labor	\$69,817	\$139,634	\$2,308,510		
Compressor fuel cost *	\$29,941	\$81,344	\$1,314,322		
HEU fuel cost *	\$23,950	\$59,660	\$959,638		
Electric Power *	\$142,529	\$282,400	\$5,012,817		
Other	(\$266,237)	(\$563,038)	(\$5,473,336)		
Sub Total - Items provided by BLM	\$407,851	\$846,266	\$15,434,028		
Total - Cliffside Refiners, LP, GDA030001	(\$473,248)	(\$946,496)	(\$20,339,492)		

^{*} Based on Sep 06 activity

^{*}Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) **	6,012	11,660	156,246
Cheu Pure Water Usage (gallons) *	2,077	4,588	130,808
Electricity Metered (Kwh) used *	1,609,432	4,104,340	86,120,014